

IEEE Antennas and Propagation Society Research Awards for 2015-16

The IEEE Antennas and Propagation Society (AP-S) awards up to six \$1000 pre-doctoral scholarships and up to ten \$2500 PhD fellowships each year to encourage students to pursue a career in the area of electromagnetics. The awards are intended to support students involved in research directed by a faculty member at their institution who is a member of the IEEE Antennas and Propagation Society (AP-S). Two award competitions are held each year.

To be eligible, each applicant must...

- be an undergraduate (3-5 year program), master's, or PhD student enrolled in electrical engineering or a related field at an accredited institution of higher learning. Students currently pursuing BS and MS degrees should apply for the pre-doctoral award, and those currently pursuing PhD degrees should apply for the doctoral award.
- if competing for a doctoral award, be a member of the IEEE AP-S at the time of application.
- have completed or be enrolled in at least one electromagnetics course at the time of application.
- show strong interest in a career in the area of electromagnetics.
- have the endorsement of a university/college faculty member who is a member of the IEEE AP-S.
- intend to work on a research project of at least one year in length that falls within the scope of the IEEE AP-S. The project may be started before the award recipients are announced but must end before the student's current degree requirements are completed. Applicants who expect to graduate less than six months after the application deadline are not eligible.

Previous recipients of pre-doctoral awards are eligible for doctoral awards. No more than one award of each type will be granted to a given student. An advisor may endorse one pre-doctoral applicant and/or one doctoral applicant at a time.

Selection criteria:

- Creativity and quality of the proposed project and the thoroughness with which it is described
- Discussion of the technical interests and skills of the student and how they relate to the proposed project
- Quality of writing in the proposal (e.g., spelling, grammar, word choice, organization, style, clarity of figures)
- Recommendation letter, with particular emphasis on the items listed in the fourth bullet below

Applications must be submitted by one of the deadlines listed at the bottom of this page and must include...

- a cover sheet with the complete contact information for the student and the faculty advisor, including the student's and advisor's IEEE member numbers and the student's application status (pre-doctoral or doctoral).
- a complete curriculum vitae or resume that includes periods of attendance at all schools, expected and completed graduation dates, and a list of published and submitted journal and conference papers.
- a project proposal no more than two pages long (including figures) with a font size of at least 10 points. The proposal must include at least one paragraph that describes the technical interests and skills of the student and how they relate to the project. The list of references may extend to a third page.
- a recommendation letter from the faculty advisor, who must be a member of the IEEE AP-S. The letter must discuss the academic preparation and quality of the student; the potential of the student to contribute to the electromagnetics profession in the future; and the student's ability to perform the proposed research. The advisor must also verify that the student is or has been enrolled in at least one electromagnetics course and will work on the project for at least one year prior to graduation.

Applications must include all four items listed above to be considered for review. All application materials must be written in English and integrated into a single PDF document. Each award recipient will be required to submit a photo to be used in an announcement in the *IEEE Antennas & Propagation Magazine* and to complete a United States Internal Revenue Service Form W-8 or W-9. Disbursement of award funds will be contingent on receipt of the photo and the appropriate form. All applicable taxes are the responsibility of the award recipient.

Application submission instructions are posted at the AP-S web site (www.ieeeaps.org) and are included in an e-mail announcement released before each deadline.

Questions should be directed to:

David Kelley, Assoc. Prof., Electrical and Computer Engineering Dept., Bucknell University, Lewisburg, PA 17837
E-mail: dkelley@bucknell.edu, Tel.: +1 (570) 577-1313, Fax: +1 (570) 577-1449

DEADLINES: April 1, 2015 and November 1, 2015